

## CLAIMS

1. A method for production and application of heating elements for heating in vehicles, said heating element consisting of a heating wire (1) defining at least one electric heating loop extending, in its operating position, in a predetermined pattern, c h a r a c t e r i s e d b y the steps of:
- 5 positioning the heating wire (1) onto at least one side (7) of a temporary carrier (4),
- 10 applying an adhesive (8) over said carrier, at least over those areas where the heating wire is lying on the carrier, and over the heating wire, causing the heating wire to adhere to the surface of the carrier,
- 15 transporting the carrier (4) with the heating wire to a final substrate, which the heating element is to be in close contact with,
- 20 pressing the heating wire against the substrate, heating the adhesive so as to make the wire adhere to the substrate, and
- removing the carrier, so that the heating wire is released from the carrier and adheres to the substrate, to form the heating element for heating in the vehicle.
2. The method according to claim 1, c h a r a c t e r i s e d b y the adhesive being applied through spraying across the heating wire and the carrier surface on that side thereof where the heating wire (1) is located.
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3. The method according to claim 2, c h a r a c t e r i s e d b y the carrier absorbing the adhesive (8) so that the carrier surface (7) will only obtain negligible adhesive ability.
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4. The method according to claim 1 wherein the adhesive is a thermo-glue, c h a r a c t e r i s e d b y the thermo-glue being heated and maintained at a temperature above the melting point of the thermo-glue when the thermo-glue is

applied onto the heating wire (1) and the carrier (4) as well as when the wires have been applied onto the substrate (13).

5            5.            The method according to claim 4, characterised by said heating being obtained through the supply of electric current through the heating wire (1).

10           6.            The method according to claim 5, characterised by the supply of electric current being achieved through connecting the heating wire (1) to an electric power source via one or more electrical connector means (31), intended for connection of the heating element to the vehicle voltage source when in the final operating position in the vehicle.